

WHAT IS CLAIMED IS:

- 1. A programmable light source device for mobile phone displays, comprising:
an electroluminescence panel providing a luminance light source to the mobile
phone displays; and
a driving integrated circuit mounted within a housing of a mobile phone for
sending out signals to control the electroluminescence panel on illumination
effects, and to receive input from a keypad on the mobile phone to set
desired illumination effects.**
- 2. The programmable light source device as claimed in Claim 1, wherein the
illumination effects of the electroluminescence panel comprise luminance intensity,
luminance color, color change timing and patterns.**